

Amendments to the Claims:

Following is a complete listing of the claims pending in the application, as amended:

1-33. (Canceled).

34. (Currently Amended) An isolated polynucleotide selected from the group consisting of:

- a) a polynucleotide encoding the polypeptide of SEQ ID NO:15,
- b) a polynucleotide encoding the polypeptide of SEQ ID NO:16,
- ~~c) a polynucleotide encoding the polypeptide comprising an amino acid sequence at least 70% identical to an amino acid sequence of SEQ ID NO:15 over the entire length of the sequence,~~
- ~~d) a polynucleotide encoding the polypeptide comprising an amino acid sequence at least 70% identical to an amino acid sequence of SEQ ID NO:16 over the entire length of the sequence,~~
- e) c) a polynucleotide encoding the polypeptide of SEQ ID NO:15 wherein said polypeptide contains a deletion of up to 24 amino acids from the carboxy terminus,
- ~~f) d~~) a polynucleotide encoding the polypeptide of SEQ ID NO:16 wherein said polypeptide contains a deletion of up to 24 amino acids from the carboxy terminus,
- ~~g) e~~) a polynucleotide encoding the polypeptide of SEQ ID NO:25,
- ~~h) f~~) a polynucleotide encoding the polypeptide of SEQ ID NO:26,
- ~~i) g~~) a polynucleotide encoding the polypeptide of SEQ ID NO:27, and
- ~~j) h~~) a polynucleotide encoding the polypeptide of SEQ ID NO:28.

35. (Canceled)

36. (New) An isolated polynucleotide selected from the group consisting of:
a) a polynucleotide encoding a polypeptide comprising an amino acid sequence that is at least 93% identical to SEQ ID NO:15 over the entire length of the sequence; and,
b) a polynucleotide encoding a polypeptide comprising an amino acid sequence that is at least 93% identical to SEQ ID NO:16 over the entire length of the sequence.

37. (New) An isolated polynucleotide encoding an amino acid sequence comprising SEQ ID NO:15, SEQ ID NO:16, or an internally consistent variant of amino acid sequences of SEQ ID NO:15 and SEQ ID NO:16.

38. (New) An isolated polynucleotide encoding a fusion protein containing SEQ ID NO:15; SEQ ID NO:16; SEQ ID NO:25; SEQ ID NO:26; SEQ ID NO:27; SEQ ID NO:28; or an internally consistent variant of amino acid sequences of SEQ ID NO:15 and SEQ ID NO:16.

39. (New) The isolated polynucleotide of claim 38, wherein the fusion protein consists of

(a) a component selected from a group consisting of SEQ ID NO:15; SEQ ID NO:16; SEQ ID NO:25; SEQ ID NO:26; SEQ ID NO:27; SEQ ID NO:28; and a variant that is internally consistent with amino acid sequences of SEQ ID NO:15 and SEQ ID NO:16 and has at least 93% identity to SEQ ID NO:15 or SEQ ID NO:16; and
(b) β -galactosidase.